



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Thursday, May 18, 2017

Issued: 0800 CT

Day 1 Weather Hazards: High risk of severe storms across NW OK.

Moderate/Enhanced risk of severe storms across NW TX into NE OK.

Slight risk of severe storms TX/OK.

Critical Fire weather conditions over NM into W TX.

National Weather Service

**Southern Region Headquarters
Regional Operations Center
Fort Worth, TX**



**Prepared by: Kurt Van Speybroeck
817-978-1100 x 147**

Key Points



Today

- **High risk area of severe storms – NW OK.**
- Moderate risk area of severe storms W/N OK with enhanced risk from Tulsa through OKC to Lawton, OK.
- Slight risk area of severe storms over OK/TX.
- Elevated/critical fire weather conditions across NM/W TX.

Friday

- Enhanced risk area for severe storms across NW TX into NE OK.
- Slight risk area for severe storms across OK/TX.
- Moderate risk of flash flooding across parts of N TX into NE OK.

Saturday

- Strong/severe storms possible across TX/LA/AR.

Sunday - Monday

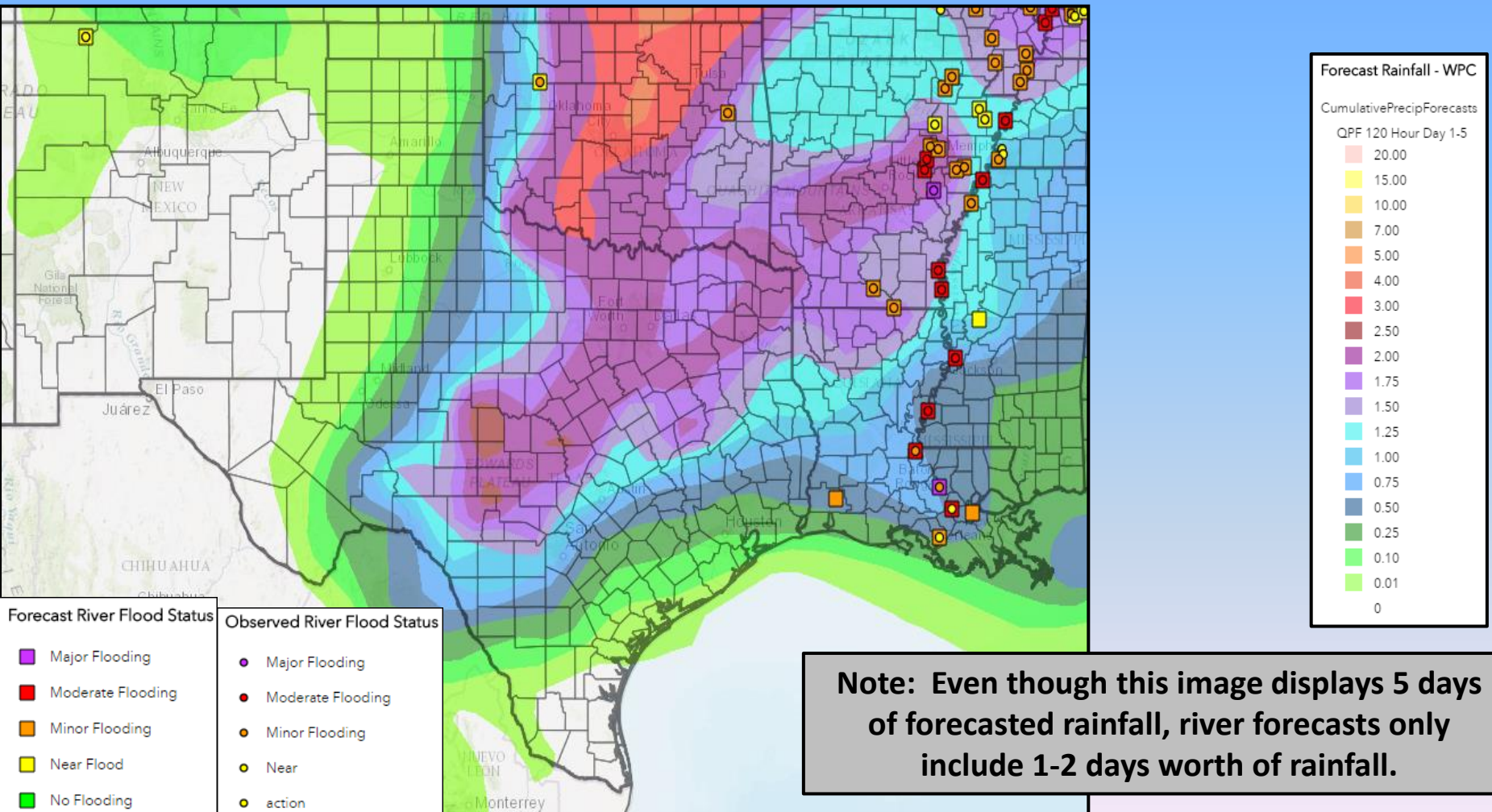
- No Significant Weather Impacts.

River Flooding

- Major flooding will continue on the White River through Friday.
- Moderate flooding is expected along the MS River over the next week.

5-Day Precipitation Forecast & River Flood Status

- Major flooding at Clarendon AR, water levels dropping to moderate by Friday
- Minor to moderate flooding is occurring or expected along the MS River over the next week
- Heavy rain/flooding threat possible across TX into OK and parts of – Friday/Saturday



For the latest on river flooding: <http://water.weather.gov/ahps>

*FEMA Region 6 Threat Matrix

May 18, 2017 - May 22, 2017

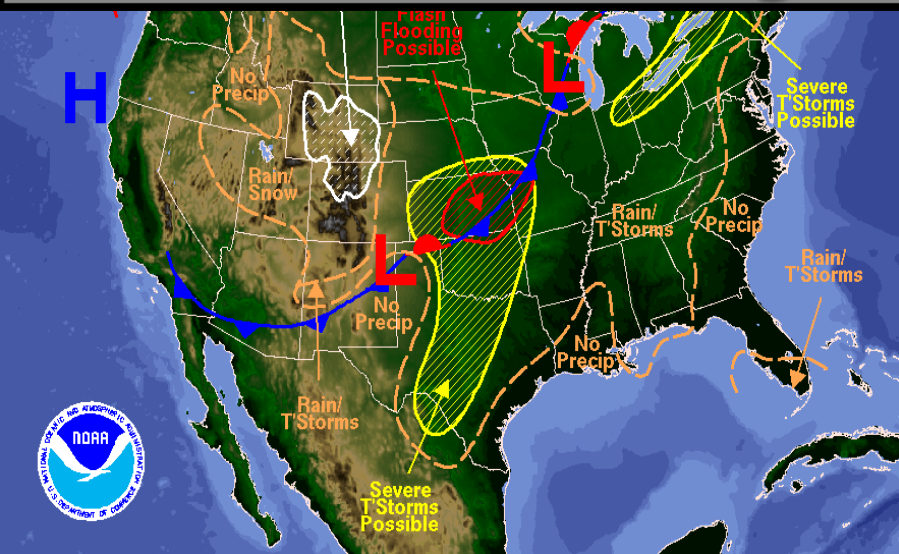
	THU	FRI	SAT	SUN	MON
Severe Weather	NW OK	NW TX/OK	E TX/SE OK AR/LA		
	W/NW OK				
	TX/OK	TX/OK/NW AR			
Heavy Rain / Flash Flooding		OK	TX/NW LA/AR		
		N TX/OK			
Fire Weather	NM/W TX				
River Flooding	NE AR	NE AR	NE AR	NE AR	NE AR
	MS River	MS River	MS River	MS River	MS River

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

For more details on the colors in the threat matrix refer to the last slide in this briefing.



Today's Weather



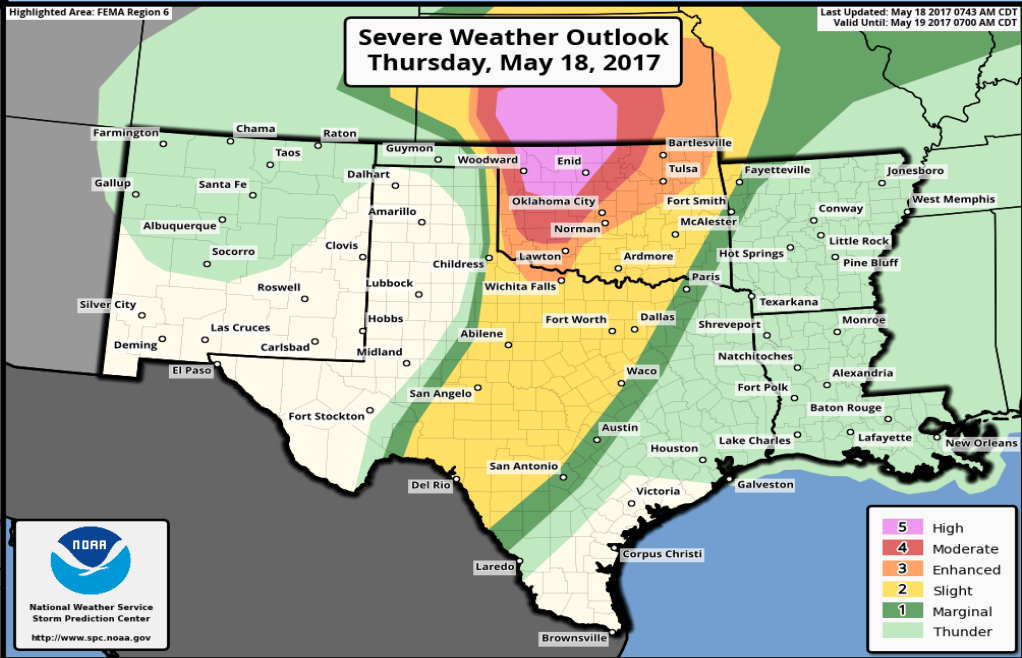
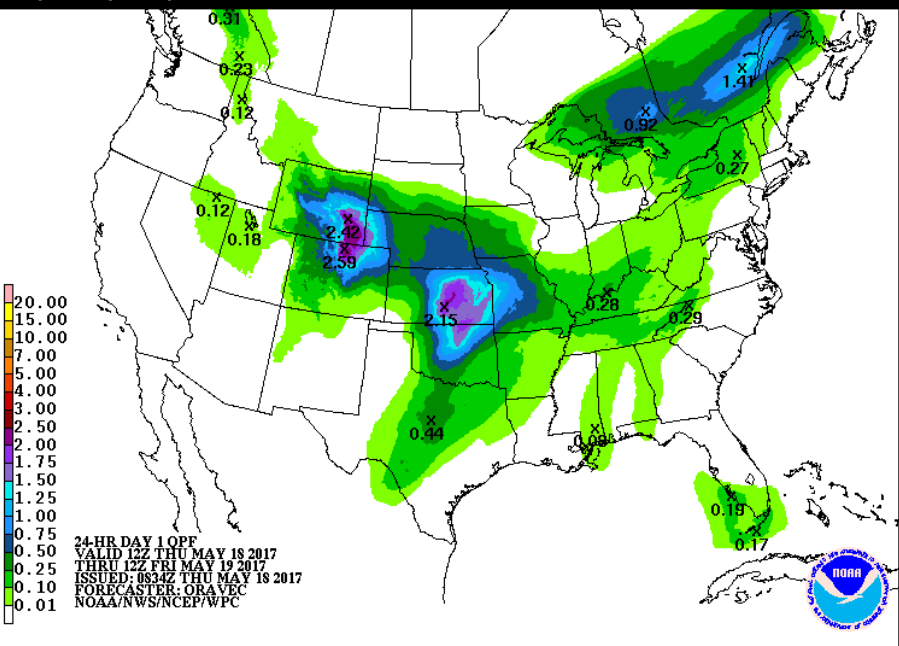
High risk of severe storms over NW OK.

Moderate/Enhanced risk of severe storms over NW TX/W OK into NE OK.

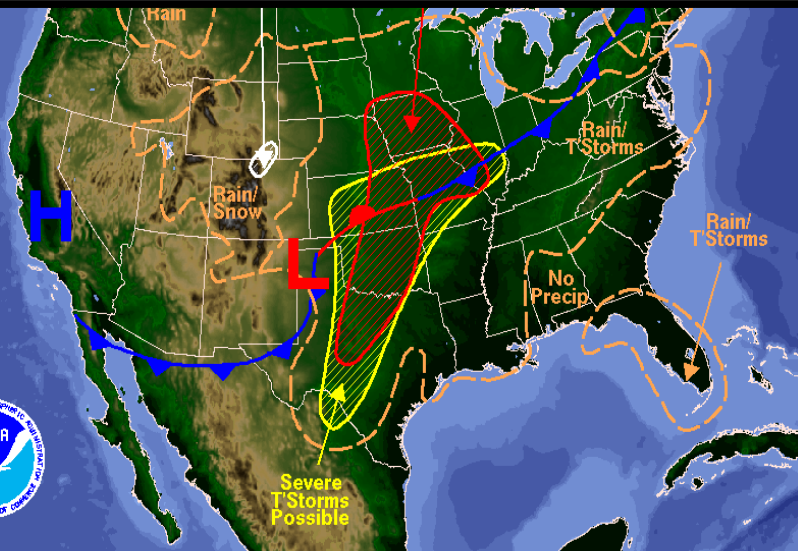
Slight risk of severe storms across OK/TX.

Critical/Elevated fire weather conditions across NM/W TX.

Weather Forecast for Thu, May 18, 2017, issued 4:41 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds based on WPC, SPC and NHC forecasts



Tomorrow's Weather

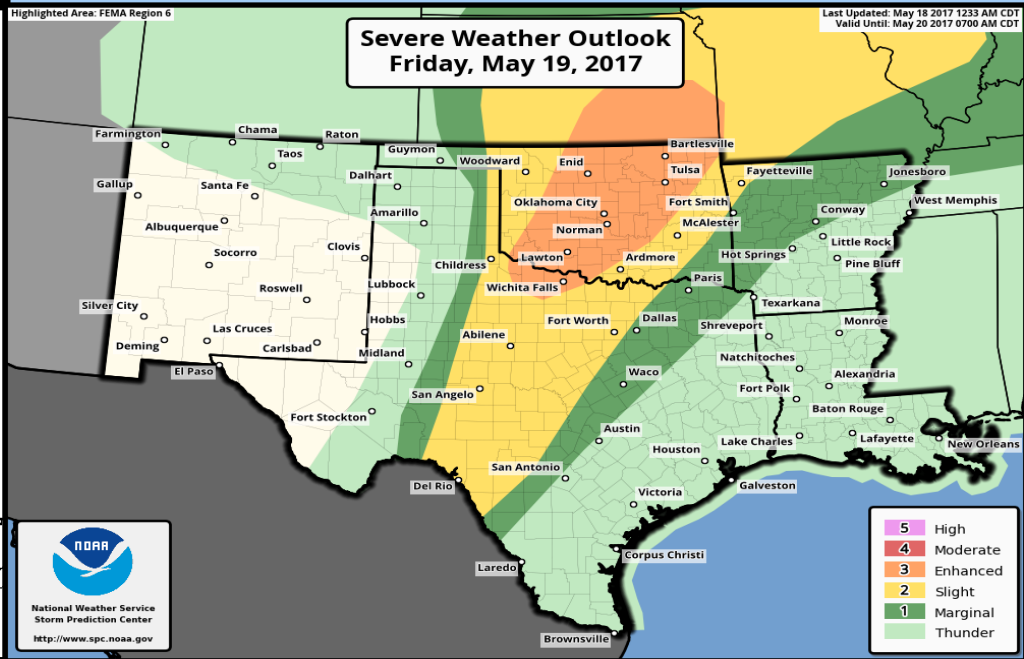
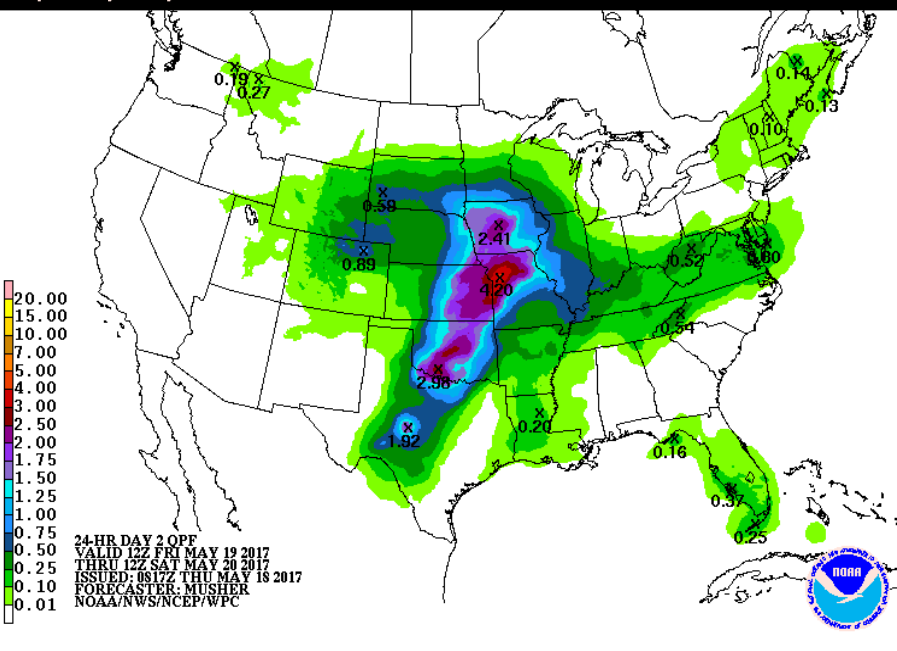


Enhanced risk for severe storms across NW TX into NE OK.

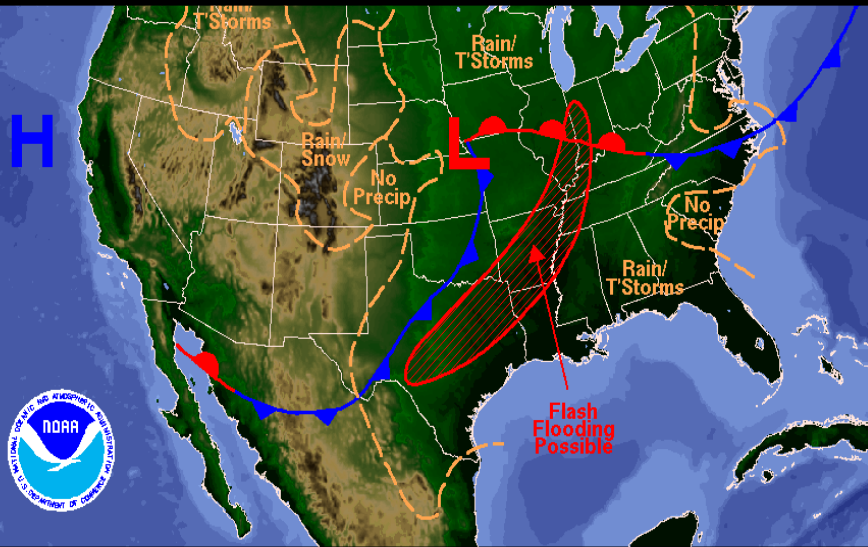
Slight risk for severe storms across OK/TX.

Moderate risk area for heavy rain/flash flooding across N TX into NE OK.

Weather Forecast for Fri, May 19, 2017, issued 4:47 AM EDT Thu, May 18, 2017
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds based on WPC, SPC and NHC forecasts



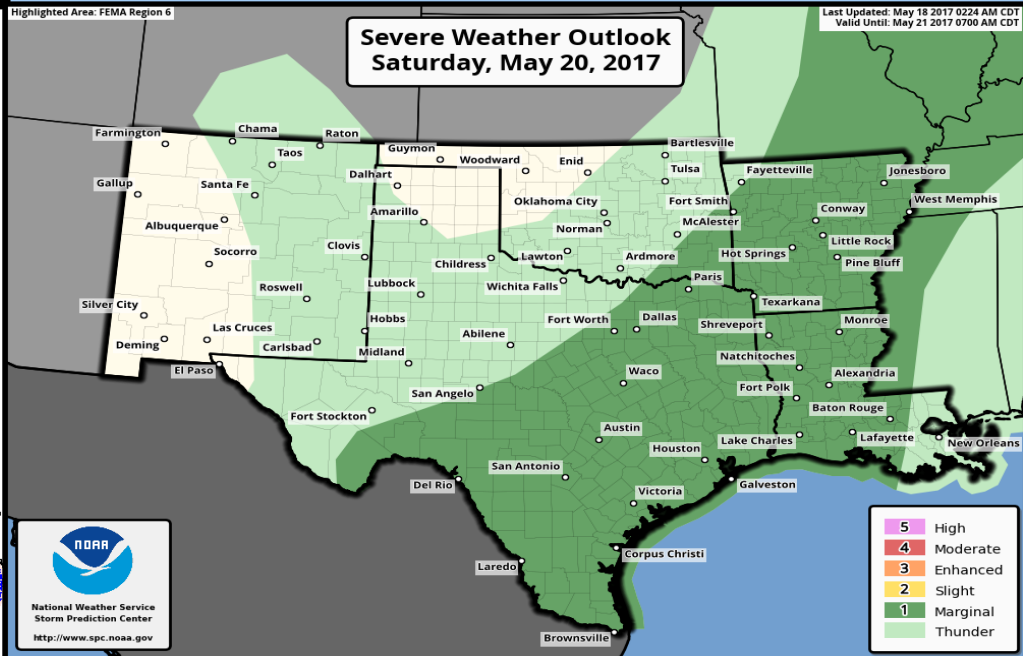
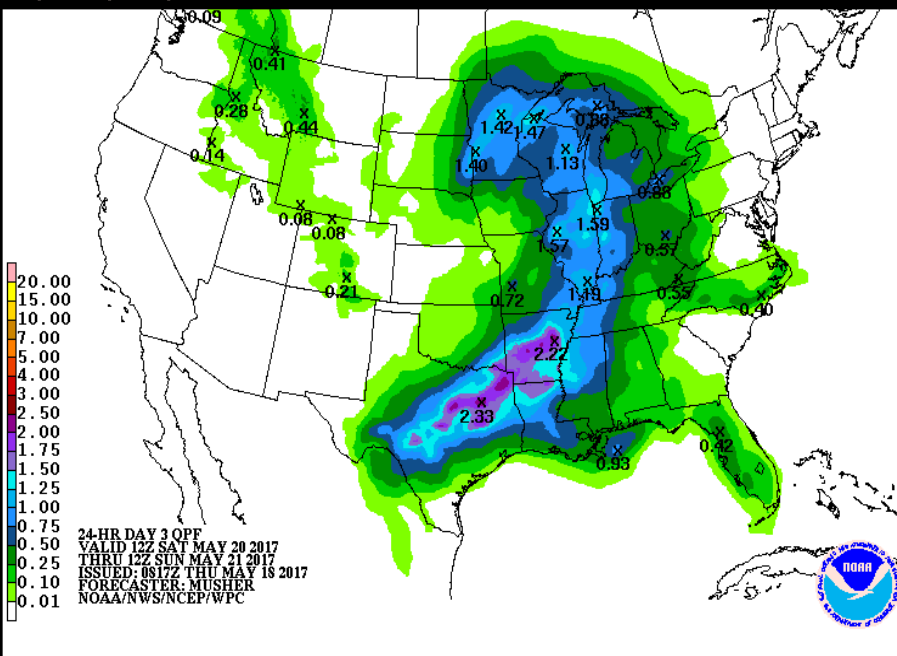
Saturday's Weather



Weather Forecast for Sat, May 20, 2017, issued 4:51 AM EDT Thu, May 18, 2017
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McCreynolds based on WPC, SPC and NHC forecasts

Strong to severe storms possible across TX/LA and AR.

Heavy rain/flash flooding across TX/NW LA into AR.









Day 4-5 Weather Hazards

Valid: 0800 Sun - 0800 Tue



**No Significant Weather
Impacts.**

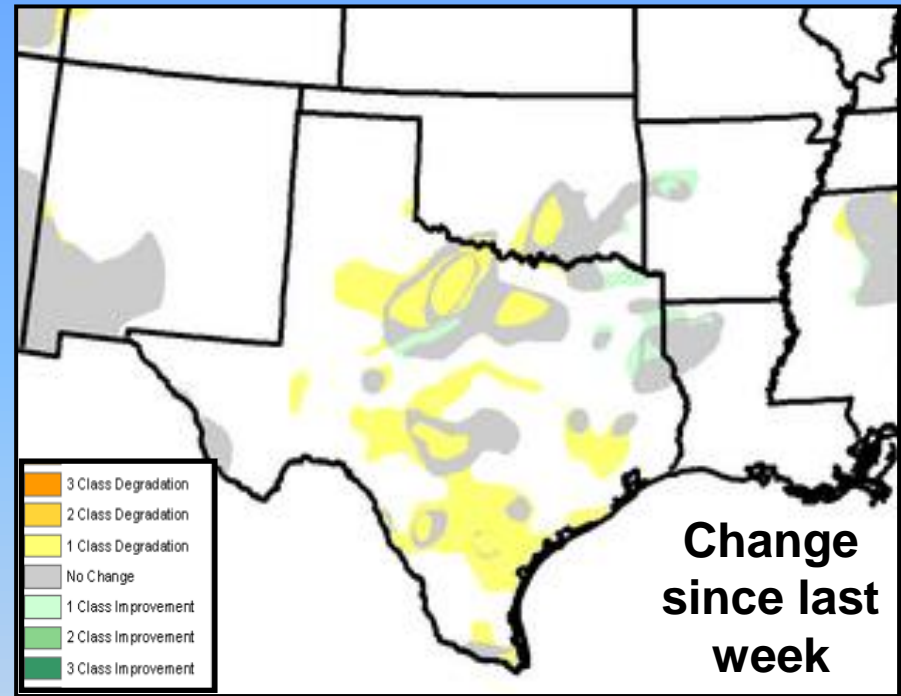
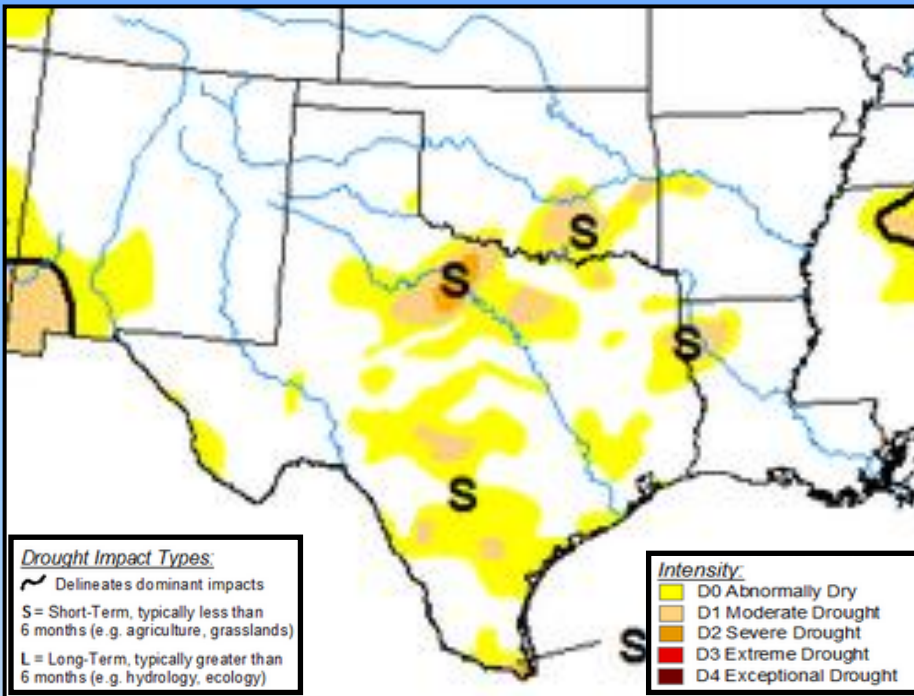
	No Weather Threats Expected
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	Common – Happens Frequently
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*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.



Drought Monitor Released May 18th, 2017

Data valid as of 7am CST, Tuesday, May 16th, 2017



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	3.34%	0.00%
Arkansas	0.00%	0.00%	2.02%	0.00%
Texas	0.00%	0.00%	0.53%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

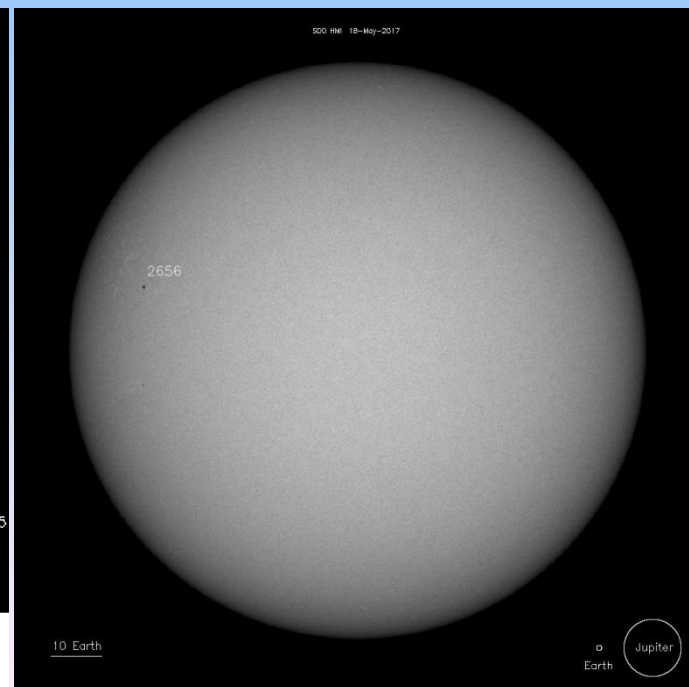
Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Thursday	Friday	Saturday
Geomagnetic Storms	Minor (G1) Storm (Max Kp = 6)	Moderate (G2) Storm (Max Kp = 6)	Active (Max Kp = 4)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



Normal X-ray Background
Product Valid At : 2017-05-18 12:51 UTC

Normal Proton Background
NOAA/SWPC Boulder, CO USA

Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747 ***New Direct Number**
E-mail: sr-srh.roc@noaa.gov
Web: <http://www.weather.gov/srh> (**NEW link!!**)

facebook

<https://www.facebook.com/NWSSouthern>

twitter

@NWS_Southern_US https://twitter.com/NWS_Southern_US

The criteria for the color codes in our briefings is below, please provide any feedback to sr-srh.roc@noaa.gov.



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms